



PATIENT

Koddy Rivera

SPECIES

Canine

BREED

Chihuahua Mix

SEX

M

AGE

7 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. Frontera

INVOICE

46959

DATE

8-12-21

PRESENTING CLINICAL SIGNS

Patient presents for evaluation with a lot of pain in the neck area, at the time of physical examination pain from the cervical area is confirmed. Patient was referred for CT Scan and examination of vertebral area. Patient is on pain management medications (NSAID and Tramadol) but still showing pain.

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable Chem --- unremarkable Snap 4Dx: negative for all

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain and post IV contrast studies of the cervical, thoracic, and lumbar spine available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Number, alignment, and anatomy of the thoracic and lumbar vertebrae present within normal limits.

Narrowing of the intervertebral disc space C2/3 is seen in the upper cervical spine. There is a large mineral attenuating well delineated extrusion into the ventral epidural space seen over the intervertebral disc space C2/3. The extrusion is in a mid-sagittal position. Severe dorsal deviation and compression of the spinal cord are noted. Approximately, 70% of the vertebral canal's cross sectional area are occupied by the extruded material. The material appears to be sequestered and centered around the ventral vertebral venous plexus.

Multifocal intervertebral disc mineralization is seen throughout the entire spine.

Serial intervertebral disc protrusion appears to be present in the lumbar spine from T13 to the lumbosacral junction. No significant spinal cord or cauda equina compression is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severely compressive mineralized intervertebral disc extrusion in the upper cervical spine at C2/3.
- Multifocal chondroid disc degeneration.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with severe spinal cord compression in the upper cervical spine due to a mineralized disc extrusion after chondroid degeneration of the disc. The clinical signs of the patient appear to be rather mild considering the large volume of the extrusion. Based on the large volume of the extrusion, decompressive surgery should be considered regardless of the rather mild neurological signs.



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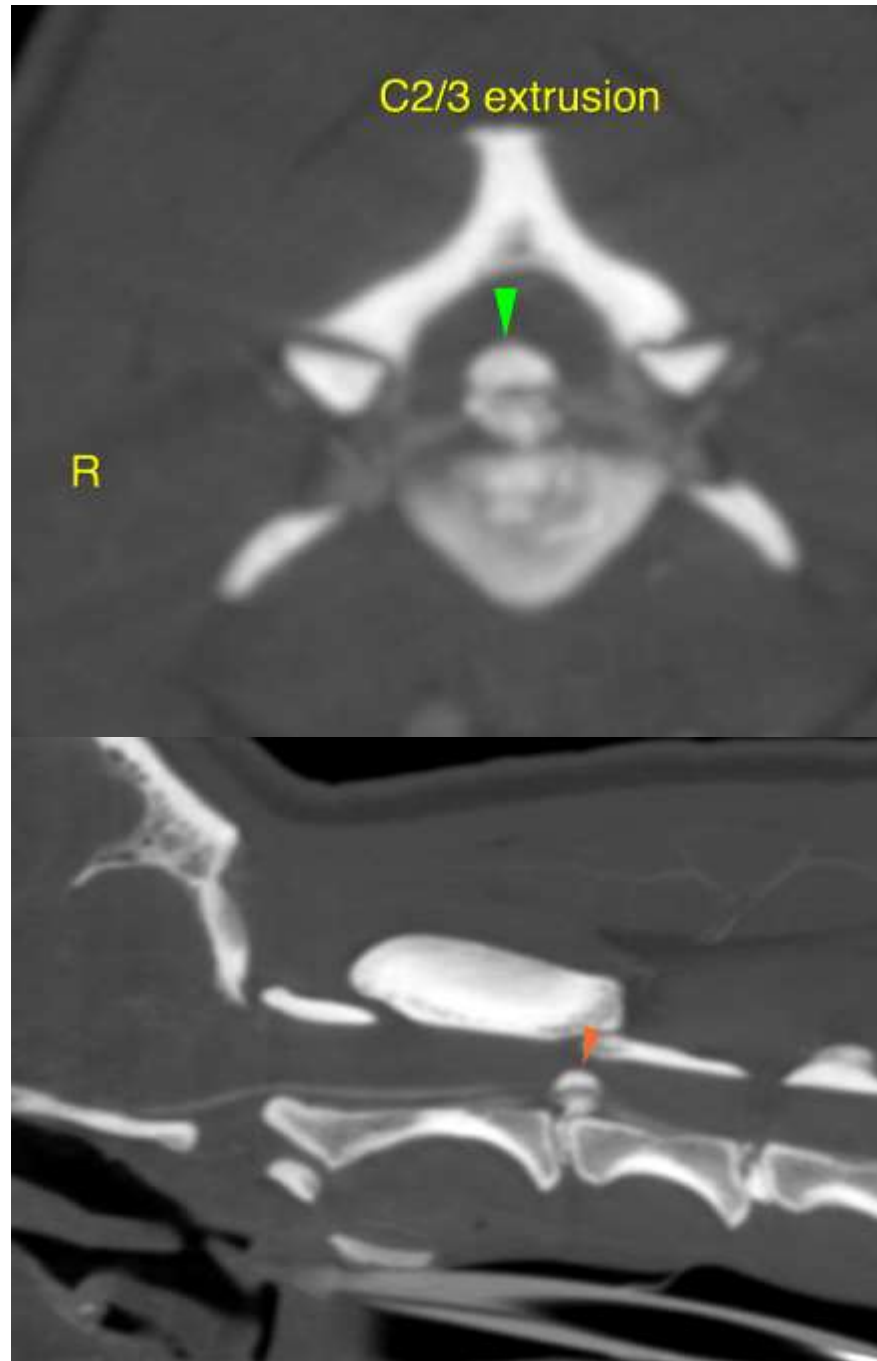
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

SPECIES

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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